

**FORM PTO-1449** U.S. Department of Commerce  
(Rev. 4/92) Patent and Trademark Office

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

ATTY. DOCKET NO.

**JEL 31206 PCT**

**SERIAL NO.**

**09/582,558**

**APPLICANT**

Hiroaki SUDO, et al.

**FILING DATE**

**June 29, 2000**

**GROUP**

2634

**U.S. PATENT DOCUMENTS**

[illegible]

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## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

**Korean Office Action dated March 28, 2002.**

**English translation of Korean Office Action.**

**EXAMINER**

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## FOREIGN PATENT DOCUMENTS

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**Korean Office Action dated September 17, 2002.**

**English translation of Korean Office Action.**

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## FOREIGN PATENT DOCUMENTS

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**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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2/10/04

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FILING DATE <b>June 29, 2000</b>	GROUP <b>2634</b>

**U.S. PATENT DOCUMENTS**

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## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

[illegible]

EXAMINER <i>Curtis Odom</i>	DATE CONSIDERED <i>2/10/04</i>
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U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
														YES	NO
2			5	3	2	7	8	0	7	12/1993	JP	—	—	Abstract	
			5	2	7	6	2	1	1	10/1993	JP	—	—	Partial	
				7	3	8	4	4	8	02/1995	JP	—	—	Partial	
			5	1	6	7	6	3	3	07/1993	JP	—	—	Partial	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

Co	Supplementary European Search Report dated July 29, 2004.
Co	Morelos-Zaragoza, et al., "Coded Modulation for Satellite Broadcasting," IEEE Global Telecommunications Conference, XP010219991, ppgs. 31-35, Nov. 1996.
Co	Huan-Bang Li et al., "Multiple Block Coded Modulations and Applications to UEP," IEEE International Conference on Universal Personal Communications, XP010248757, ppgs. 489-493, Oct. 1997.
Co	Isaka M, et al. "Error Performance Analysis of Multilevel Coded Asymmetric 8-PSK Modulation with Multistage Decoding and Unequal Error Protection," IEEE International Symposium on Information Theory, XP002290514, pg. 210, Aug. 1998.

**EXAMINER**

<sup>2</sup>Curtis alone

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2/22/05

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## PATENT &amp; TRADE PATENT DOCUMENTS

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														YES	NO
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Co			5	2	7	6	2	1	1	10/1993	JP	—	—	Partial	
Co				7	3	8	4	4	8	02/1995	JP	—	—	Partial	
Co			5	1	6	7	6	3	3	07/1993	JP	—	—	Partial	

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